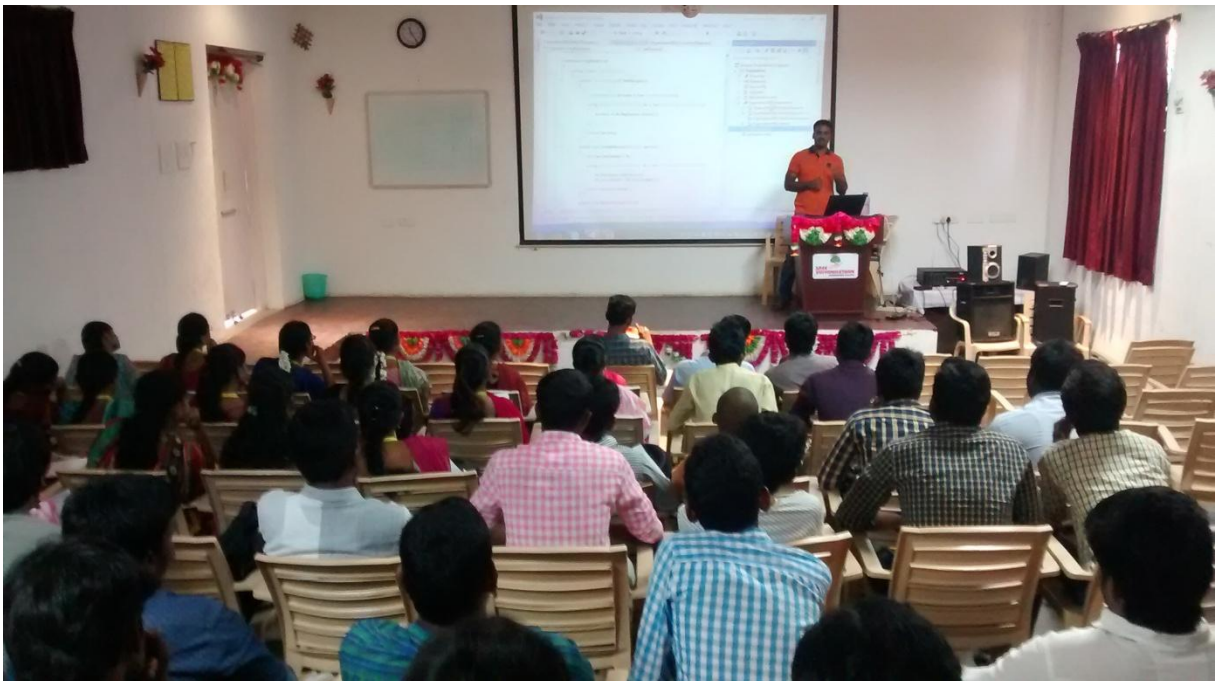


## *DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS*

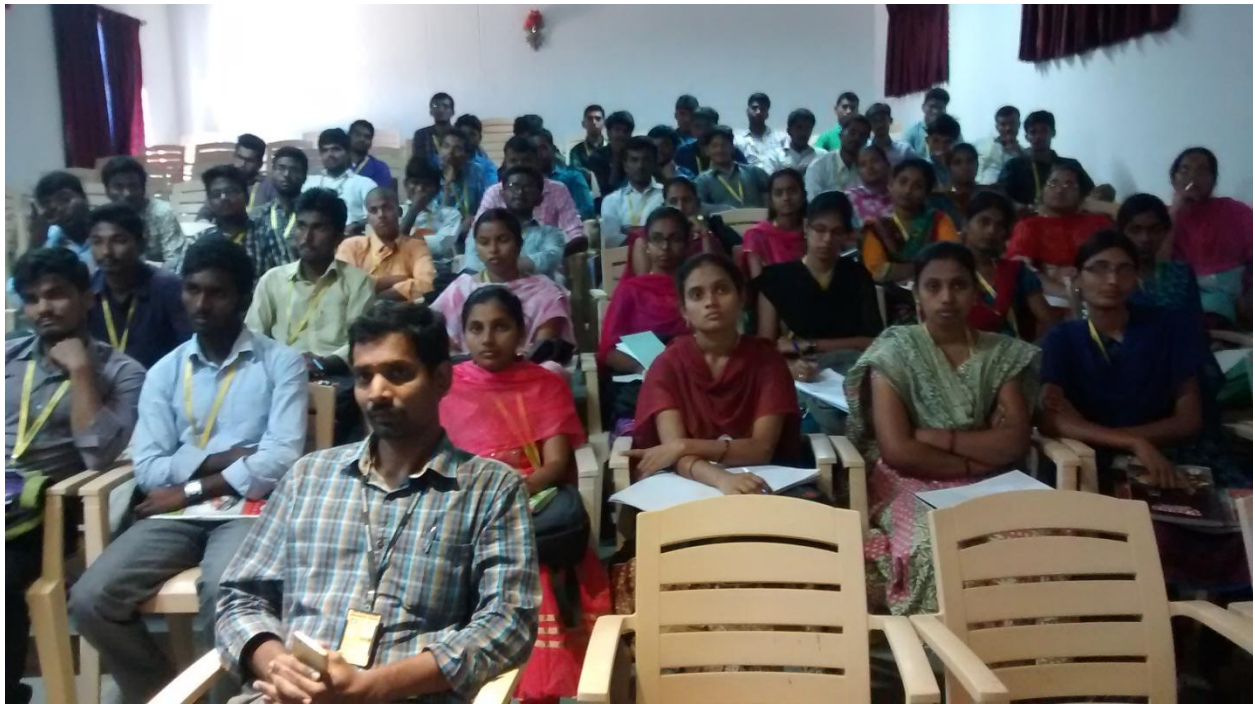
An Expert Lecture was organized on **Entity Framework on** 11<sup>th</sup> April, 2016 by **Mr. S. Suresh Babu**, IT Specialist at **Robert Bosch Engineering and Business solutions Ltd**, Bangalore on the forenoon of 11th April 2016 conducted by the Department of Master of Computer Applications, Sree Vidyanikethan Engineering College, Tirupati.

The Microsoft ADO.NET Entity Framework is an Object/Relational Mapping (ORM) framework that enables developers to work with relational data as domain-specific objects, eliminating the need for most of the data access plumbing code that developers usually need to write. Using the Entity Framework, developers issue queries using LINQ, then retrieve and manipulate data as strongly typed objects. The Entity Framework's ORM implementation provides services like change tracking, identity resolution, lazy loading, and query translation so that developers can focus on their application-specific business logic rather than the data access fundamentals.



**Mr. S. Suresh Babu**, IT Specialist at Robert Bosch Engineering and Business solutions Ltd, Bangalore delivering Expert Lecture

Mr. Suresh Babu discussed on Overview of Entity Framework, how to Access data in a managed way using minimal code, workflows supported by the Entity Framework, Manipulate data with both LINQ and Entity SQL, examples that rely on Table-Valued Functions, remedies for entity-specific exceptions, Explore the use of optimistic and pessimistic concurrency. He also exemplified on various mappings between computer applications, data sources and advanced Entity Framework management tasks.



*Participants*